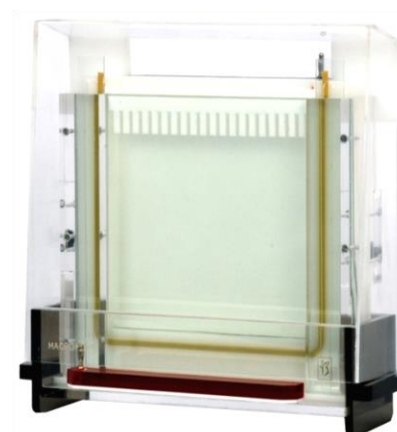


## MACROKIN-S

**Gel size: 18.5 (w) x 18 (l) cm**

- ✓ Single sided, runs one or two gels
  - ✓ *In-situ* gel casting (using agarose)
  - ✓ Designed for effective gel cooling
  - ✓ No sample loss due to uni-directional migration
- 
- ✓ Gels per run: 1 or 2
  - ✓ Wells per gel: 23/ 30
  - ✓ Buffer requirement: 750 mL
  - ✓ 10% SDS-PAGE run in 2 hr 30 min



Macrokin-S

### Features of this apparatus

#### Leak Proof

- Gaskets made of silicone are tough & resilient
- Leaks from plastic joints prevented as sticking is done with specially manufactured glues

#### Rugged

- Breakage proof PTFE combs & fibreglass notched plate
- Electrodes do not break as they are thick & purity > 99.9%
- No corrosion due to resin filled base of male connectors

#### High Resolution

- Sharper bands because of thin glass plates & deep tank
- Good cooling as entire gel-sandwich is in contact with the buffer
- Low positioned electrodes stir buffer to cool gel

#### Error Minimization

- Migration of samples in wrong direction prevented due to unidirectional feature
- Wells formed straight as combs sit levelled with the spacers
- Run up to two gels at a time in the same system

### Ready-to-use system includes

1. Lower anodic tank fitted with 4 mm male connector and 0.3 mm thick electrode
2. Cathodic electrode unit fitted with 4 mm male connector and 0.4 mm thick electrode
3. Resilient silicone tube gasket for cathodic electrode unit
4. One notched and one rectangular glass plate (square bottom)
5. Two 1.5 mm thick, breakage resistant, slotted spacers
6. One PTFE comb (1.5 mm thick, 23 wells, est. vol. 112 µL/well)
7. Set of clamps with screws
8. Agarose dispenser for filling slot in spacers
9. Gel-sandwich opener
10. Lid for safety
11. Electrical cords with male & female connectors
12. Instruction manual

04-00192  
*In situ casting/  
Uni-directional  
migration*

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

04-00193  
*In situ casting/  
Bi-directional  
migration*

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

Y

### Ordering description

**Macrokin-S (04-00192):** Vertical electrophoresis single sided system of gel size 18.5 (w) x 18 (l) cm, with male connectors, in situ gel casting, slotted spacers, uni-directional migration and capable of accepting two gels.

**Macrokin-S-BD (04-00193):** Vertical electrophoresis single sided system of gel size 18.5 (w) x 18 (l) cm, with male connectors, in situ gel casting, slotted spacers, bi-directional migration and capable of accepting two gels.

### SUGGESTION

Order along with Ready-to-use system

Gel-casting stand (04-33185),  
Glass plate stand (04-35176),  
Comb with 30 wells (04-14301/2)

### **Macrokin-S and its spares and accessories**

Item Description	Cat. No.	Unit
Macrokin-S, ready-to-use system for uni-directional migration	04-00192	System
Macrokin-S-BD, ready-to-use system for bi-directional migration	04-00193	System
Clamps 19 (l) cm with screws (one pair)	04-05190	Set
Screws for clamps and cathodic electrode unit (two of each)	04-06148	Packet
Resilient silicone gasket with insert for cathodic electrode unit	04-09544	Piece
Comb 1 mm thick, PTFE, 23 wells, 15 mm deep, est. vol. 75 µL/well	04-14231	Piece
Comb 1.5 mm thick, PTFE, 23 wells, 15 mm deep, est. vol. 112 µL/well	04-14232	Piece
Comb 1 mm thick, PTFE, 30 wells, 15 mm deep, est. vol. 45 µL/well	04-14301	Piece
Comb 1.5 mm thick, PTFE, 30 wells, 15 mm deep, est. vol. 66 µL/well	04-14302	Piece
Spacers, slotted, 1 mm thick, breakage resistant (one pair)	04-17191	Set
Spacers, slotted, 1.5 mm thick, breakage resistant (one pair)	04-17192	Set
Notched (3 mm) and rectangular glass plates, 23.5 (w) x 19 (l) cm (one of each)	04-28182	Set
Rectangular glass plates, 23.5 (w) x 19 (l) cm (two)	04-28192	Set
Gel-casting stand with binder clips	04-33185	Piece
Glass plate stand	04-35176	Piece
Gel-sandwich opener	61-30257	Piece
Agarose dispenser for filling slot in 1 mm spacer	62-36201	Piece
Agarose dispenser for filling slot in 1.5 mm spacer	62-36182	Piece
Electrical cords with male & female connectors design for user safety	66-40124	Pair
Gradient mixer with triple-barrel and plunging stopper. Volume per chamber 22 mL. Accommodates magnetic spin-bar of ≤ 14 mm length	67-50207	Piece
Penta-legged levelling table (28 x 45 cm) with spirit-level	69-41459	Set
Macrokin-S, CEU. Replacement part for single sided system of gel size 18.5 (w) x 18 (l) cm, with male connector	04-01192	Piece
Macrokin-S-BD, CEU. Replacement part for single sided system of gel size 18.5 (w) x 18 (l) cm, with male connector	04-01193	Piece
Macrokin-S, tank. Replacement part for single sided system of gel size 18.5 (w) x 18 (l) cm, with male connector	04-02192	Piece
Macrokin-S-BD, tank. Replacement part for single sided system of gel size 18.5 (w) x 18 (l) cm, with male connector	04-02193	Piece